Agenda

Bi-Monthly Committee Meeting
Innovative Water Technologies
January 23, 2019, 4:00 PM – 5:30 PM

- Opening

Andrew Steward, Charlie Leder, Keith Tyson, Bob Dabkowski, Andy Logan, Jeff Duda, Rebecca Erickson, Kevin Feeley, Andrew Dugan, Thomas Worley-Morse, Steve Farabaugh, Mark ??, Stefanie Fevig, Tye Jordan, Scott Kastman, Heather Stewart, Tanja Rauch-Williams, Bryan Coday, Isaac Avilla, Blair Wisdom, Allegra Da Silva.

- Industry Innovation Presentations
  o Keith Tyson, Washington Suburban Sanitary Commission (WSSC) - Engaging Innovative Thinking to Drive Customer Value

  ▪ WRF4642 Framework for Innovation
    ▪ Vision
    ▪ Standard Procedure established for idea evaluation
    ▪ Engage
      o Innovation Hub
      o Participation - Brainstorming workshops
      o Create Awareness
    ▪ Develop long-term strategy

  ▪ Example projects:
    ▪ Leak Detection Pilot
    ▪ EBPR study at Seneca (ca. 15 mgd) and Parkway (ca. 25 mgd)
    ▪ Peracetic Acid Disinfection - Pilot - Parkway implementation planned
    ▪ Primus line - pilot on bridge
    ▪ HydroGuard
    ▪ ABYSS SOLUTIONS
    ▪ Drones

  ▪ Research Partners
    ▪ Mid Atlantic Innovations and Research Forum
    ▪ VT Center for Applied Water Research and Innovation - member
    ▪ Rutgers University
    ▪ Penn State - Capstone project

  ▪ Idea vetting
    ▪ Idea completion, ranking by 10 criteria, score 1-10. Anything over 50 moves forward, other holding database. Cost value, local supplier, where installed, etc.
• expert reviewers. Aggregate score > 50 moves forward.
• end use to review - meters, sewer, etc.
• 1/2 contracting out.
  ▪ Framework was really needed to get structure going to start to formal process.
    • City of Richmond
    • Any utility needs this structure
    • Tool development ongoing right now.
    • Benefit to utility - operating expenses will drop.

  o Scott Kastman, Wunderlich-Malec, Innovative and Cost-effective SCADA and Control System Solutions
    ▪ Value of strategic partnerships
      • Iconics, Wonderware, Rockwell?
      • IO etc. standardization
      • Control narratives
      • Software standards
      • High Performing graphics

    ▪ Best practices for PLCs and SCADA
    ▪ Case Study with Longmont

• Review of recent committee activities
  o 2019 Small Systems Workshop (Leanne M, Tanja Rauch-W.)
  o 2019 IWT Budget (Andrew D, Tanja Rauch-W.)

• New business
  o 2019 Event Planning (Tanja Rauch-W., Andrew D)
  o Regional Innovation and Pilot Updates
  o National Innovation and Pilot Updates
  o LIFT Updates (Tanja Rauch-W.)
  o Next meeting agenda items (All and Charles L.)
  o Relevant board updates (Kevin F.)
  o Webpage and RM Magazine publications
  o Others

• Next Bi-Monthly Meeting
  o Wednesday, March 13 (4 to 5:30 PM) @ TBD

• Meeting End